



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification<sup>7</sup>:</b> <b>C11D 17/00, 11/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/52130</b> <b>(43) International Publication Date:</b> 8 September 2000 (08.09.00)
<b>(21) International Application Number:</b> PCT/US00/05302 <b>(22) International Filing Date:</b> 29 February 2000 (29.02.00) <b>(30) Priority Data:</b> 9904882.9                      4 March 1999 (04.03.99)                      GB <b>(71) Applicant (for all designated States except US):</b> THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> MCGOWAN, Steven, Baldwin [US/US]; 425 Pinebluff Drive, Loveland, OH 45140 (US). KINLOCH, James, Iain [GB/GB]; 21 Horton Drive, Hartford Lea, Cramlington Northumberland NE23 3QS (GB). MCGREGOR, Alasdair, Duncan [GB/GB]; 27 Shaftesbury Grove, Heaton, Newcastle upon Tyne NE6 5FA (GB). <b>(74) Agents:</b> REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		<b>(81) Designated States:</b> AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> DETERGENT TABLET		
<b>(57) Abstract</b>  A multi-phase detergent tablet for use in a washing machine, the tablet comprising a first phase in adhesive contact with one or more second phases, and wherein at least the first phase is in the form of a compressed particulate solid incorporating a cogranulated detergency additive composition comprising polymeric polycarboxylate and inorganic carrier. The multi-phase tablets provide improved interphase adhesivity, robustness and strength together with excellent dissolution and cleaning characteristics.		